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PATENT TRADEMARK OFFICE

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Signed:

Wendy A. Frick

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TECH CENTER 1600/2900

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Chiu

Serial No.: 09/990,249

Filed: November 21, 2001

For: **TRANSGENIC ANIMALS FOR  
SCREENING THERAPEUTIC AGENTS)  
FOR BRAIN TUMORS**

) Examiner: Not yet assigned  
)  
)

) Art Unit: 1632  
)  
)

) Attorney Docket No.: 28489/04000  
)  
)

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The information enclosed and cited on the accompanying form PTO-1449 is hereby submitted in compliance with 37 CFR §§1.56, 1.97 and 1.98 for consideration by the Examiner in connection with the application.

Respectfully submitted,

Date:

May 8, 2002

By:

Pamela A. Docherty  
Pamela A. Docherty, Reg. No. 40,591  
(216) 622-8416

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Attorney Docket No.: 28489/04000

Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Sir:

Transmitted herewith are the following:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. 10 References; and
4. A Return Receipt Postcard.

It is believed that no further fee is required relating to the filing of this Information Disclosure Statement. If this is not the case, the Patent Office is hereby authorized to charge any related fee to Deposit Account No. 03-0172. A duplicate copy of this sheet is attached.

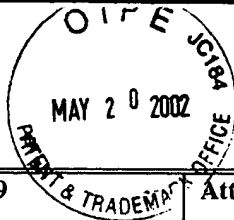
Respectfully submitted,

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Subst. Form PTO-1449

Atty. Docket No.: 28489/04000

Serial No.: 09/990,249

APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT

MAY 22 2002

Applicant: Chiu

Filing Date: November 21, 2001

TECH CENTER 1600/2900

Group: 1632

U.S. PATENT DOCUMENTS

| Initial* | Document No. | Date | Name | Class | Subcl. | Filing Date |
|----------|--------------|------|------|-------|--------|-------------|
| AA       |              |      |      |       |        |             |
| AB       |              |      |      |       |        |             |
| AC       |              |      |      |       |        |             |
| AD       |              |      |      |       |        |             |

FOREIGN PATENT DOCUMENTS

|    | Document No. | Date | Country | Class | Subcl. | Translation? |
|----|--------------|------|---------|-------|--------|--------------|
| AE |              |      |         |       |        |              |
| AF |              |      |         |       |        |              |
| AG |              |      |         |       |        |              |
| AH |              |      |         |       |        |              |
| AI |              |      |         |       |        |              |

OTHER PRIOR ART

|    |                                                                                                                                                                                                                                                                                     |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AJ | "Multiple Controlling Mechanisms of FGF1 Gene Expression through Multiple Tissue-Specific Promoters" by Chiu, et al., <u>Progress for Nucleic Acid Research and Molecular Biology</u> , Vol. 70, October, 2001, pp., 155-174.                                                       |
| AK | "Neural stem cells isolated from adult FIB-Tag transgenic mice, which contain the FGF1B promoter and SV40 T antigen" by Chiu, et al., <u>Keystone Symposia on Stem Cells: Origins, Fates and Functions</u> , March 17-23, 2002.                                                     |
| AL | "Gene structure and differential expression of acidic fibroblast growth factor mRNA: identification and distribution of four different transcripts" by Myers, et al., <u>Oncogene</u> , (1993) 8, 341-349.                                                                          |
| AM | "Functional Characterization of the Brain-specific FGF-1 Promoter, FGF-1.B" by Myers, et al., <u>The Journal of Biological Chemistry</u> , Vol. 270, No. 14, pp. 8257-8266, April 7, 1995.                                                                                          |
| AN | "Characterization of the 1B Promoter of Fibroblast Growth Factor 1 and Its Expression in the Adult and Developing Mouse Brain" by Alam, et al., <u>The Journal of Biological Chemistry</u> , Vol. 271, No. 47, pp. 30263-30271, November 22, 1996.                                  |
| AO | "Transcriptional Activation of Fibroblast Growth Factor 1.B Promoter is Mediated through an 18-Base Pair cis-Acting Element" by Ray, et al., <u>The Journal of Biological Chemistry</u> , Vol. 272, No. 11, pp. 7546-7555, March 14, 1997.                                          |
| AP | "A Splice Variant of E2-2 Basic Helix-Loop-Helix Protein Represses the Brain-specific Fibroblast Growth Factor 1 Promoter through the Binding to an Imperfect E-Box" by Liu, et al., <u>The Journal of Biological Chemistry</u> , Vol. 273, No. 30, pp. 19269-19276, July 24, 1998. |
| AQ | "Characterization of the Entire Transcription Unit of the Mouse Fibroblast Growth Factor 1 (FGF-1) Gene" by Madias, et al., <u>The Journal of Biological Chemistry</u> , Vol. 274, No. 17, pp. 11937-11944, April 23, 1999.                                                         |
| AR | "Tumorigenesis in transgenic mice in which the SV40 T antigen is driven by the brain-specific FGF1 promoter" by Chiu, et al., <u>Oncogene</u> , (2000) 19, 6229-6239.                                                                                                               |
| AS | "Pluripotency of adult neural stem cells isolated from FIB-Tag mice, which contain the FGF1 promoter and SV40 T antigen" by Chiu, et al., <u>U.S. - Taiwan Neuroscience Symposium</u> , November 10, 2001.                                                                          |

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.